V. LABADIE.

CHAFING IRON.

APPLICATION FILED JULY 9, 1908.

908,282.

Patented Dec. 29, 1908.

Fig. 1.

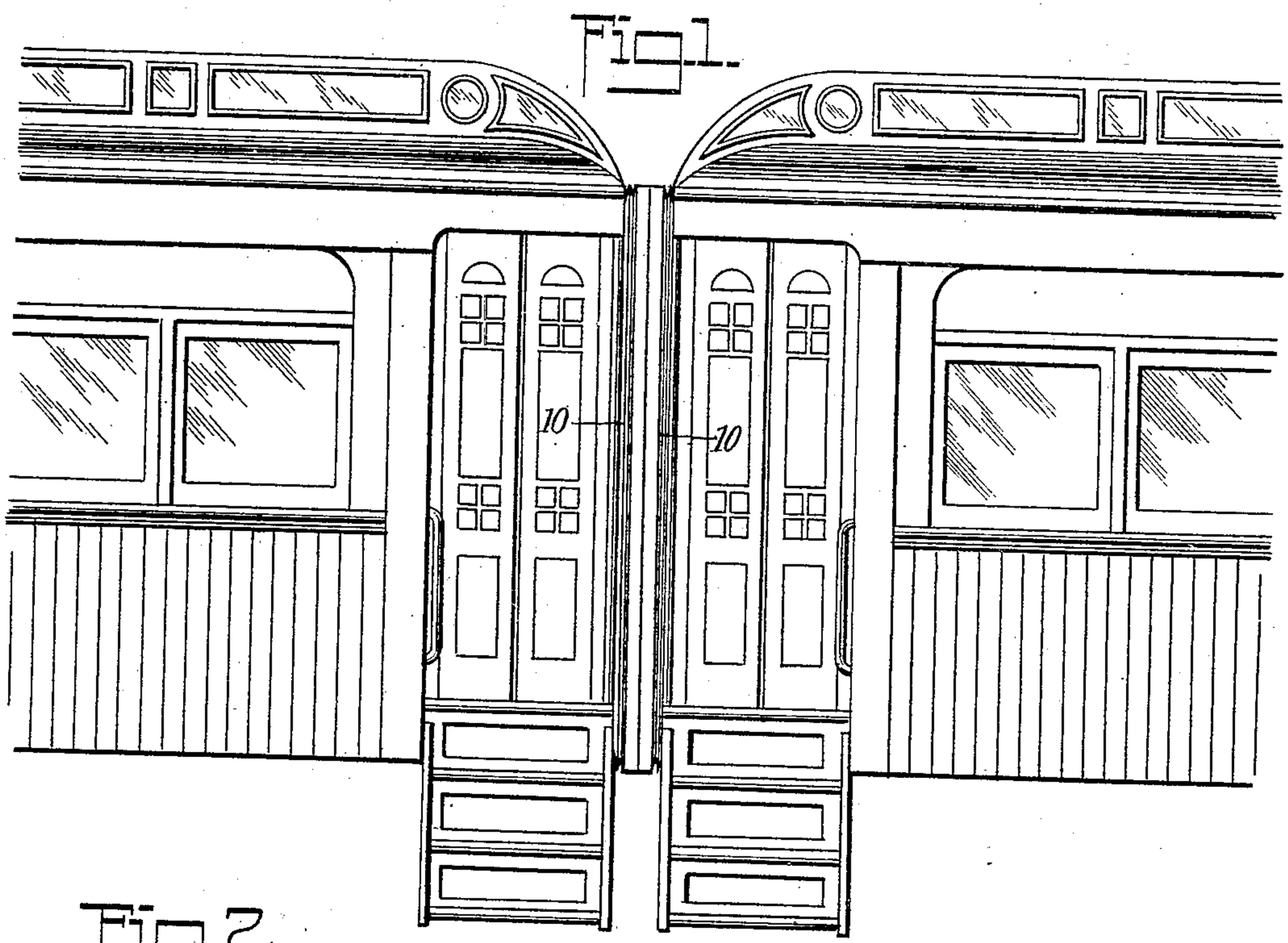



Fig. 2.

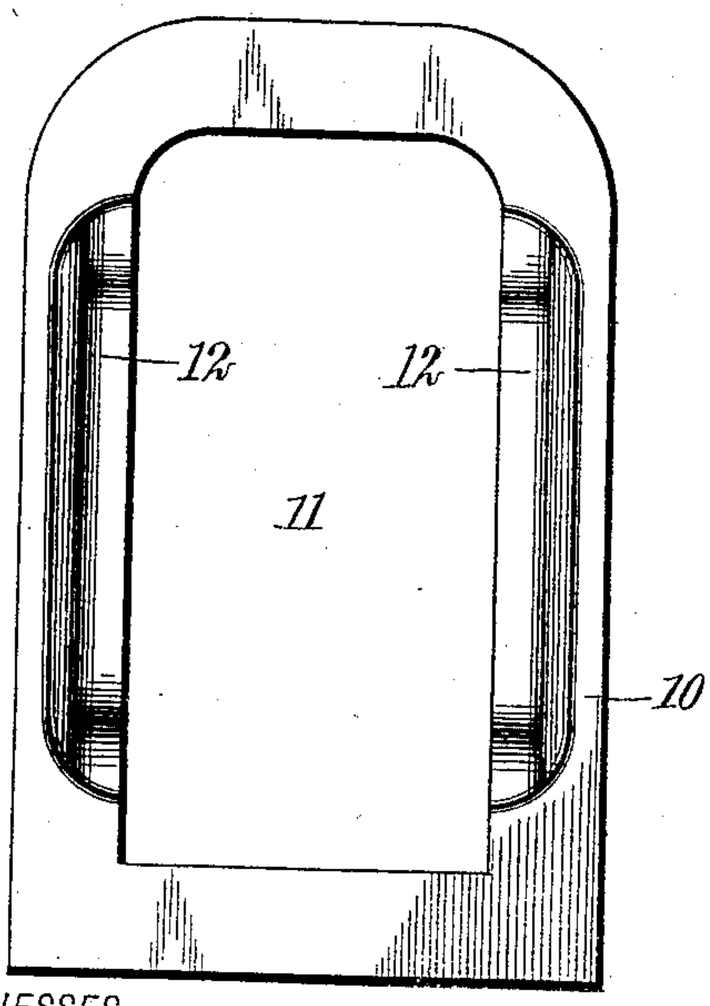
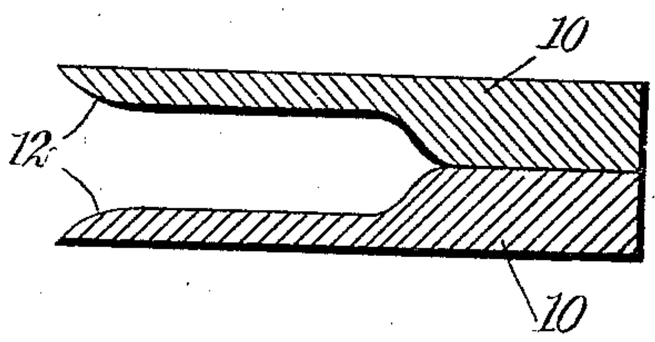



Fig. 3.

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VICTOR LABADIE, OF DALLAS, TEXAS.

## CHAFING-IRON.

No. 908,282. Specification of Letters Patent. Patented Dec. 29, 1908.

Application filed July 9, 1908. Serial No. 442,672.

*To all whom it may concern:*

Be it known that I, VICTOR LABADIE, a citizen of the United States, and a resident of Dallas, in the county of Dallas and State of Texas, have invented new and useful Improvements in Chafing-Irons, of which the following is a full, clear, and exact description.

This invention is an improved chafing iron for vestibule passenger cars, and its object is to provide a device of this character of a construction in which danger of passengers being injured by passing their fingers, hands, etc. between two of such plates while the cars are in motion will be eliminated.

It is well known by those familiar with vestibule car construction, that the two irons or plates carried by attached cars and which form the bearing surface between the vestibules, are constantly separating and contacting while the cars are in motion, due to the variation and pull on the draw-heads. This separating of the irons at times leaves sufficient space for the insertion of the fingers, hands, etc., a thing quite natural for a passenger to do in steadying himself while passing from car to car, with the result that the irons are quickly forced together and the inserted member mashed. By my invention this difficulty is overcome in a simple and effective manner as hereinafter outlined.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 illustrates in side elevation two vestibule cars coupled together showing the location of the chafing irons; Fig. 2 is a front or outside elevation of my improved chafing iron; and Fig. 3 is a cross section through one side of two of my improved irons in opposed position as carried by attached cars.

In carrying out my invention I employ a chafing iron of the usual or other desired form, that shown being of a common shape, consisting of a substantially rectangular flat plate 10 having a central passage opening 11. This plate is attached to the folding or yielding portion of the vestibule and withstands the rubbing wearing action when two cars are coupled together.

As the pull of the cars while in motion is constantly varying, the plates 10 are moving to and from each other, and at times leaving space between them sufficient for the insertion of the fingers, hands, etc., which is likely to be done by a passenger in passing from one car to the other. To avoid this dangerous practice I provide my improved chafing iron with rabbeted or cut-out front inner edges 12 at opposite sides of the opening 11, the free end of the chafing irons being rounded off as shown in Fig. 3. It is apparent from this construction that when two of such irons are applied to attached cars a slot will be formed between them at each side as illustrated in Fig. 3. In this slot it will be possible for any one to pass their fingers and hand as in grasping the edge of the iron, without danger of injury.

I am aware that prior to my invention devices have been in use for covering the edges between two opposing chafing irons. I, however, believe I am the first to provide these irons with rabbeted or cut out portions as hereinabove set forth.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A chafing iron for vestibule cars, consisting of a plate having its front inner edge rabbeted, whereby when two of such plates are placed in contact in opposed position a slot will be formed between them for the purpose described.

2. A chafing iron for vestibule cars, consisting of a plate having a central passage opening, said plate being cut out at the front at opposite sides adjacent to said opening, whereby when two of such plates are placed in contact in opposed position a slot will be formed between them at each side for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

VICTOR LABADIE.

Witnesses:
E. N. MERRITT,
F. T. RICHARDSON.